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SECURITY CLASSIFICATION OF THIS PAGE (When Date Enfored) READ INSTRUCTIONS
BEFORE COMPLETING FORM REPORT DOCUMENTATION PAGE I. REPORT NUMBER 2. COVT ACCESSION NO. 3. RECIPIENT'S CATALOG NUMBER 1101-DR S. TYPL OF REPORT & PERIOD COVERED 193088 MLRS Missile Number 1091, Round Number V-96 6. PERFORMING ORG. REPORT NUMBER 7. AUTHOR(s) B CONTRACT OR GRANT NUMBERO DA Task 1 F6657020127402 White Sands Meteorological Team 9. PERFORMING ORGANIZATION NAME AND ADDRESS 11. CONTROLLING OFFICE NAME AND ADDRESS REPORT DATE US Army Electronics Research & Development Cmd December 1979 Atmospheric Sciences Laboratory White Sands Missile Range, New Mexico 88002 14. MONITORING AGENCY NAME & ADDRESS(II different from Controlling Office) SECURITY CLASS. (4) US Army Electronics Research & Development Cmd Adelphi, MD 20783 UNCLASSIFIED DECLASSIFICATION/DOWNGRADING 16. DISTRIBUTION STATEMENT (of this Report) Accession For 17. DISTRIBUTION STATEMENT (of the abetract entered in Block 20, if different from Report) NTIS GRA&I Approved for public release; distribution unlimited. DDC TAB Unannounced Justilication 18. SUPPLEMENTARY NOTES Distribution a11 and/or 19 KEY WORDS (Continue on reverse side if necessary and identify by block number) Dist 20. ABSTRACT (Continue on reverse sign if necessary and identify by block number) Meteorological data gathered for the launching of the 19308B MLRS, Missile Number 1091, Round Number V-96 are presented in tabular form.

DD FORM 1473 EDITION OF THOU 65 IS OBSOLETE

UNCLASSIFIED SECURITY CLASSIFICATION OF THIS PAGE (Phon Data & Iterat)

## CONTENTS

		PAGE
INTRODUCT	I ON	1
DISCUSSIO	N	1
TABLES:		
1.	Surface Observations taken at 0845 MST at D 3½	2
2.	D 3½ Pilot Balloon Measured Wind Data at 0845 MST	3
3.	DENVER Pilot Balloon Measured Wind Data at 0845 MST	4
4.	NW30 Significant Level Data at 0830 MST	5
5.	NW30 Upper Air Data at 0830 MST	6
6.	NW30 Mandatory Levels at 0830 MST	10

### INTRODUCTION

19308B MLRS	, Missile Number_	1091	, Round Number	V-96
was launched from BRILLO				
at 0844:06 MST on 08	December 1979	The sch	eduied launch tien.	115
0830 MST				
	DISCUS	SSION		
Meteorological data were	recorded and redu	iced by the W	hite Sands Metecrato	ogical
Team. Atmospheric Science	es Laboratory (ASL	.), White San	ds Missile Range, No	w Mesico
The data were obtained by	y the foll <b>owin</b> g me	thods:		
1. Observations				
a. Surface				
	nd sunfaça absonua	stions to inc	Tude pressure, tempe	2021.000
(°C), relative humidity,				
and cloud cover were made				
			xisting pole-mounter	
tower-mounted anemometers				
anemometer was also provi				rrom one
b. Upper Air	raca in the radiich	· control foo		
	vel wind data were	e obtained fr	om RAPIS T-9 pibal c	observa-
tion at:			, , , , , , , , , , , , , , , , , , ,	
	SITE AND	ALTI TUDI		
	D 3½ 2km DENVER 21	km		
			collected at the fr	_
Met Sites. Data were co	Hected from surfa	ice to <u>69</u>	500 feet	in
500-feet increments.				
	SITE AN	ID TIME		

NW30 0830 MST

TABLE 1 Surface Observations taken at 0845 MST, 08 December 1979, at D  $3\frac{1}{2}$ , 19308B MLRS, Missile No. 1091, Round No. V-96

FLEVATION	3975.	1 (ZMS).
PRESSURE	887.3	MBS
TEMPF RATURE	3.9	o <sub>C</sub>
RELATIVE HUMIDITY	49	
DEW POINT	-5.7	0.
DENSITY	1112	gm/m <sup>3</sup>
WIND SPEED	02	kTS
WIND DIRECTION	360	DEGREES
CLOUD COVER	2	Ci

### PILOT BALLOON MEASURED WIND DATA

TABLE 2										
RELEASED	FROM D 31			DATE	08 Dece	mber 197	9		_TIME084	5 MST
TRACKER	coo	RDINATE	s (W	ISTM) X=_	443,018.90	Υ:	338	3.189.24	ii 39	74.89
NOTE: WI	IND DIRECTI	ONS ARE	REF	TERENCED TO	TRUE NORTH	•				
	ARE METERS				=		_			
HEIGHT AGL	DIRECTION DEGREES	SPEED KTS		HEIGHT AGL	DIRECTION DEGREES			HEI <b>GHT</b> AGL	DIRLOTION Degrets	SPEED KTS
SFC	360	02	1							
90	MISG	MISG								1
150	006	09								i 
210	341	06								
270	341	08								
330	345	07					; ;			
390	336	06								
500	MISG	MISG					1			
650	MISG	MISG					į			
800	175	<u> </u>								
950	207	09								
1150	238	11								 
1350	245	14						·		
1550	258	13								
1750	264	09							·	
2000	276	08								
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#### PILOT BALLOON MEASURED WIND DATA

TABLE 3											
RELEASED	FROM DENV	ER SITE		DATE	08 Decem	ber 1979	· • • • ·		TIMI	084	15 MST
TRACKER	<b>CO</b> (	SETANICE	S (WSTM	!) X=	499,064.03	Y	=_493	,904.1	2	412	3.10
NOTE: W	IND DIRECTI	ONS ARE	REFERE	NCED T	O TRUE NOR	TH.					
	ARE METERS		OR FEE	T AGL_							
HEIGHT AGI	DIRECTION DEGREES	SPEED KTS		I GHT	DIRECTION DEGREES	SPEED k75		EIGHT GL	DIRECTI DEGREE'		SPEED KTS
SFC	MISG	MISG									
90	MISG	MISG			<u></u>						
150	286	01	-								
210	169	03									
270	130	04					ļ 		ļ. — · · · ·		
330	186	06									
390	187	08									·
500	192	10									
650	190	14									
800	191	17				ļ					
950	214	13									
1150	236	15									
1350	253	19									
1550	260	13									
1750	287	12									
2000	280	13	!			1		·			
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INDUITIONS		
SIGNIFICANT		

IGNIFICANT LEVEL DATA 3420220014 EW 30

GEODETIC COOKDINATES 32.48497 LAT DEG 106.49714 LON DEG

4
TABLE

REL.HUM. PERCENT	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
TEMPERATURE IR DEMPOTAT REES CENTIGNADE	11111111111111111111111111111111111111
TEMPE AIR DEGREES	
GEOMETRIC ALTITUDE MSL FELT	4010.4 4574.5 56163.2 6163.2 7017.6 10160.2 7017.6 11066.4 11066.4 11066.4 11066.4 11066.4 11066.4 11066.4 11066.4 11066.4 11063.0 11066.4 11063.0 10633.0 106
PRESSUME WILLIBARS	

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GEODETTL COOMDINATES 32.80497 LAT GEG 106.49714 LON DEG		INDEX	OF HEFRACTION		00026	1.00000	0 6	1.000254	******	1.0000	•		00000	•	22000.	1000		•	1.000206	1.000201	861000-1	1.000199	1.000192	06:000:	1.000187	1.000183	1.000179	2/10001	2/1000-1	1.000169	9910001	1.000162	601006-1	1.00015	#ST000-1	1.000151	1.000148	1.000146	#100U	1.000141	1.00133	921006.1	1.000134	
6E0DLTTU 32.8 106.4		TA	SPEED MNOTS		·	1.0	<b>5</b> • 0	0.0	N 6	ε.	- r		11.1	12.5	æ•∩¶	10.0	10.2	11.4	13.1	13.9	14.5	<b>3 · 5</b> · 7	14.7	15.4	15.6	٠ د د د	15.7	0.61	10.9	9.71	7.01	ระ	/ • · · · ·	18.9	18.5	15.3	12.0	۲۰ ۱ ت	ر - ک آ	æ : • •		S-01	•	11.0
		KIND DATA	DIRECTION DEUREES (TN)		325.0	205.1	7.00	100.2	103.5	<b>0.00</b>	9 · 0 0 N	7.267	3.400	242.7	248.5	254.5	25d•4	200.3	201.0	202.0	202.5	220.0	1.062	2+4+2	9.44.7	240.5	5 and 2	204.1	7.902	2020	9.667	5.102	7.507	504.5 504.5	9.00Z	Xc/.3	2/0.0	5•00×	5,0,5	300.0	•	364.0	323.5	341.0
4 1 1		SPELD OF			2.649	1.100	4.400	6.469	654.5	ਲ <del>• •</del> ਪੌਰ	652.0	4.400	6£3•6	4.769	651.2	650.1	646.9	047.0	647.2	t.40.0	0.040	645.2	お・ウェン	643.0	042.1	6.010	639.7					634		3	6.629	θ>d					۵		016.7	017.2
UPPER AIM DAT 3420224014 1.4 30	TABLE 5	DENSITY S	د		11111	1086.2	1055.7	1034.7	1017.1	40265	0.676	6+246	9.7 Pú	933.5	916.6	6.006	892.4	8.878	864.1	8+648	835.2	821.6	8.603	700nL	783.5	771.4	759.5	747.7	755.8	724.0	712.4	701.6	691.3	681•tj	6/1.0	6.669	4.7.49	657.9	628•1	410.4	6•8:9	599.6	#•UDG	581.4
		REL.HUM.	PERCENT		0.04	47.5	44.2	43.0	41.5	39.5	33.2	58.7	39•0	39.0	39.0	39•0	39.0	38.6	36.3	34.1	35.8	49.7	0.04	Ø•€#	45.0	45.9	40.7	38.0	37.5	36.9	36.2	35.3	34.5	33.3	32.3	31.7	31.2	31.0	31.0	31.0	31.4	31.0	31.0	31.0
м5L 51		TEMPERATURE	ULNPOINT CENTICKASE		-5.3	9-11-	-2.4	-3.0	-3.8	2.4.	₹.1. <u>-</u>	6.4-	-5.3	7-9-	-7.1	9.0	6.4-	მ•6−	-11.0	-12.2	-12.7	-9.6 -	-12.4	-12.6	-12.2	-14.7	-15.2	-16.7	-17.8	-16.8	-19.8	-21.1	-22.5	-24·0	-25.4	-26.3	-27.1	0・::~-	-50.1	2.05-	-31.4	•	-53.6	-34.7
JJU+NO FEET MSL UNJC HKS MST		7 5 7	O SHANSAN		t.	2.1	±•3	6.0	¢•5	a•8	ე•ე	<b>⊅•</b> ລ	7.1	6.8	5.8 8	₽.	<b>2.</b> 5	2.9	***	7.4	1.5	÷.	3.	-1.2	-1.5	6.2-	-5.A	2.4-	9+6-	40.	4.7-	C+8-	1.6-	-11.0	-12.2	-13.1	1.01-	1.01-	15.4	-17.2	-10.5	-13.1	-21.0	-22.3
100ë 40	ı	THE CASE		-	487.1		0.043	# 6E8	19454	803.1	134.4	4.061	4.697	151.5	131.0	724.0	(10.0	c•/69	544.5	671.1	5.659	6.04Q	534.1	1.220	610.9	599.3	26/.9	570.1	565.6	254.1	244.1	533.5	52.3+1	212.8	3n2.8	492.9	465.4	473.5	4.50.4	454.5	40.2.2	435.3	427.5	410.0
STATION ALTITUDE #010 8 Oct - 79 8 ASE - 100 100 14		212122			4.01.04	0 00 m	0.0004	2.00.00	50000	0.113.0	0.00 l	0.0011/	0.000	6.8030	9000	2.0055	0.00001	0.0000	3.00001	11000.0	0.000VI	175,00.0	100,000	13,00.0	14:00.0	C • 0 H • 6 T	C - 00 0 C T	1.5500.0	160,00	1.55mm.0	1/600.0	175,000	1460000	185,09.0	19190	195,971.0	0 • Nu5 17	20,00.00	61 gU19 . C	61,00.0	22:100.0	22500.0	< 50'10 • A	255,711.0

. T.	Š	INUEX	OF REPRACTION	1.000129	1.000127	1.000125	1.000123	1.000121					111000-1			1.000104				1.000097	1.000095	1.000094	1.000002	1.000090	1.0000k8	1.000067	1.000005		1.000062		1.00007	1.0000-1	1.000074		1.000071			1.000066	1.000004	1.000063	1.000061
6E00571C 32.u	41/64-49/1	4	5,75F U	11.5	12.1	12.7	13.6	14.8	15.5	'n.	ភ្លឺ : :	6 · · · ·	14.00	7 - 7 -	7 77 1	0.41	15.0	14.7	14.1	13.0	12.5	12.8	13.9	15.6	15.8	15.4	14.0		10.5	0.13	1 d d d	7.01	31.5	33.2	34.8	35.5	36.0	36.1	36.1	36.3	36.0
		WINU DATA	DIRECTION DEGREES (TW)	315.1	399•0	303.6	297.3	292.1	59.5.9	79/67	30105	50705	7.60C	2000	2 1 1 F	310.1	314.5	320.7	341.6	320.7	319.5	317.6	317.4	317.8	310.5	311.7	301.7	7.507	# 0 L V	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7.00% 7.00%	7 (2.5)	7.0/2	270.4	4.017	2/0.1	213.7	8.472	2/4.2	2.412	8/3.9
: 1 <del>c</del> +	ONT)	Sratu of	SOUR KNUTS	615.6	0.410	612.5	610.9	6.860	307.B	600.c	0.400	0.500	* * ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	0.00			543.0	541.2	けってい	587.0	5k5.8	5.4,00	5,42.9	9.1.6	7.0.3c	570.8	5°7'S	6.070	0.17.	11.4.1	5,75.0	277.5	571.1	5701.5	5,7.8	5.9.0	5,9.1	50.00	1.0.10	5.0.1	5.7.2
UPPER AIR CATA 3420220914 798-30	TABLE 5 (CONT)		G4/CUHIC VLTER	572.5	563.8	554.7	242+7	536.4	523•1	519.0	511.5	V•200	0	0.004	7,1,4	F - E - G +	4.004	7.655	441.6	4.4.4	427.2	419.8	0.714	<b>5</b> • 5 (1.5)	3.77.0	389.7	342.5	0 · 0 · 0 · 0 · 0 · 0 · 0 · 0 · 0 · 0 ·	1000 H	2 - CAX	X - 11 + 17	337•E	3.50.8	320.0	316.0	30.9.4	342+3	245.4	289.47	242.1	275.6
		KEL.HUM.	FERCENT	31.0	31.0	31.0	31.0	31.0	31.0	31.0	21.0	21.0	2.15	31.0		23.0**	8.1**																								
7 - 15E		AMERATORE	ULWPOINT CENTIONANE	-35.8	-37.0	-32.1	-39.2	-40.3	<b>☆・☆</b> ↑	10.00 10.00	\ • \ \ • \ • \ • \ • \ • \ • \ • \ • \	0 0 1 4 1 1	C • C • -	C - E - 1 -	* CD-	53.0	-62.5																								
0.40 FEET WSC 837 MAS MST			AIR UEGREES	-23.5	124.H	-20.0	-27.3	-20.6	キャケルー	2 • 4 × 1		0.00	0 • 6 £ <b>1</b>	1: 2 1	1 5 H	5.04-	-41.	4-24-	-44.5	-45.6	ر. / a-	V . 0	· · · · · · · · · · · · · · · · · · ·	0.00	-51.03 	4.2G	0.53	0.0	156.0	# - US-	150.0	4.15-	2.84-	-58.4	-59.4	-53.5	1.65-	0.09-	-600	-60.5	1,0.3
100E 401	•	PHESSUME	A.ILLIBARS	410.5	0.504	333.0	595.4	37/00	3.656	7.100	* • • • • • • • • • • • • • • • • • • •	7 - 2 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4	331.5	324.3	317.4	310.5	303.0	6.967	2,30.5	<b>483.</b> /	2775	7	20:4:02	7.007	0 • 7 · .	K+0+2	Z41.Z	2000	100 / 100 /	619.5	714.1	7.602	2030.1	7.61.1	<b>5.0 €</b>	1.89.d	7.001	180.	170.4	172.2	160 · U
STATION ALTITUDE 40 8 Ucc - 79	30 To 10 TO	GEU.AL 1KIC	ALITUUE	24000.0	2.509.0	<b>7</b> 2000-0	C.00000	C-60007	20089-0	Ú • 00 ° 1/ V	0.00072	0.00000	0.0000	0.00762	0.00000	50500.0	32,000.0	31500.0	32003.0	32500.0	0.00000	0.00000	# • DD() • C	5450.143	0.0000	0.00000	0.00000	\$70,000	0.00016	360013-9	345,03.0	39,000.0	3.4500	6.6000 t	0.00004	41000.0	41500+0	0.00074	0 • 66574	45000	4.0016.0

\*\* AT LEAST OFF ASSUMED RELATIVE HUMIDITY VALUE AND USED IN THE INTERPOLATION.

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94 7.1	8 Uz.C+ 79 083n 185 85T
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9-ER AIR JATA 3-2022-0014 8-30

JEODETIC COORDINATES 32.82497 LAT DEG 176.49714 LON DEG

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GEOPETRIC ALITUDE	PHESSUME	TERPERATURE AIR DEMPOINT	Z F	DENST 17 GMZCUBIC	SPEED OF SOUND	"INU DAT	TA SPEEU	It.DEX OF
SL FEE [	FILLIGARS	\$	SKADE	ν <sub>c</sub> ΤΕΚ	h.015	DEGREES(IN)	KNOTS	REFFACTION
មិត្តប្រហូត	164.0	-6.1.1		269.4	567.3	273.5	35.0	1.000060
44500.6	4	-61.3		263.2		273.1	33.6	•
450,09•0	7	-61.5		2.745		6.272	32.0	.00005
455116+0	152.4	-61.5		25p.9		2/2.5	31.7	1.000056
ជិ÷ការក្នុង	7	-61.5		244.8	,	272.0	32.5	1.000055
\$*035a*	ς. Σ	-61.5		5-26-5		270.6	31.4	•
47300.0	141	-61.5		253.1		501.65	28.6	1.000052
47500.0	130	-61.5		227.5		3.502	26.2	1.000051
4001:10	<b>\$</b> 7	-61.9		#+252		0•443	24.5	1.000050
40506.0	31	4.29-		217.5		502.6	23.3	1.000048
43006+	Sc.	-62.5		212.3		262.0	23.2	1.000047
0-11:1564	125	-62.4		207.1		500·d	22.8	1.000046
6-00-00	122.	-62.3		202.0	505.6	555.9	21.4	1.000045
202000	119.	-62.6		197.5	565.4	6-142	20.8	1.000044
51660.0	110	-63.2		ζ.	5.4.5	520.4	21.8	1.000043
51500.0	113.5	-63.9		• သ	5,5.6	9.642	55.6	1.000042
0.00020	017	64.5		84.	502.7	520.4	23.0	1.000041
0.0070	10 C	5.0.5		180.V	5,1,4	2-1-5	23.2	1.000040
v-600cc	•	6.64		77.	ນ. ບຸນ ສຸດ	252.5	22.2	1.000039
5.0750c	•	1,60		1/3.3	0.00°	255.4	21.2	1.000039
6 • 0 ± 0 + 0	_	16/07		169.0		254•1	2°02	1.000038
0.000	30 · / 6	56.3		155.0	7.60s	250.5	19.2	1.000037
0.000		9 · 0 · 1		150.0		5007	5.81	1.000036
55509.0		-(2•6 -		ؿ ؿ	5,1,3	250.5	17.5	1.000055
		0.59-		151.8		5+0+2	16.4	1.000034
		**************************************		147.0		248•1	15.1	1.000033
0.00.70		54.		143.9		ؕ8+Z	14.5	1.000032
0.000		-64·D		140.0		20102	14.2	1.000031
56,031.		6.40-		157.4	5,2,5	257.5	13.6	1.000031
552000		-63.3		154.5		271-1	13.6	1.000030
59.16.2.0		-65./		131.2		Z64•1	14.0	.0000
59500		-60.1		120.2		530.7	13.2	1.000029
0.100.0	,	-65.b		125.3	ე. დე	310.5	13.0	
0.1.7.280	72.5	ۥ09=		122+4		310.9	11.2	200
0.00.01a	÷	-67.2			_	308.1	0.6	.0000
16,00	•	-6.7 • U		•	_	242.6	6.8	1.000026
527,000	:	1.65°		•	0,0	5 t	5.6	.0000 ·
	•	-6,7.5		1101		٠,	6.8	1.000925
· 🔿		J • 5') =		•	505	•	9•4	
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STATION ALTITUDE 4010.40 FEET MSL	UBSC HRS MST	
10E #1		† T
1.TITU	6.	.O
STATION ,	8 UEC - 79	ASCE : 51011 .40.

UPPER AIK DATA 3420220014 . NW 30

vEODETIC COORDINATES 32.82497 LAT DEG 196.49714 LON DEG

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	/ 1.50 / O 1.10C

Index OF REFRACTION	1.000060	1.000057	1.000056	•	•	1.000052	•		1.000048	1.000047	1.000046	1.000045	1.000044		1.000042	•	1.000040	1.000039		•	1.000037	1.000036	•			1.000032	1.000031	•		1.000029		1.000028	1.000027	1.000027	1.000026	2000u•	1.000025	·00000	00005
TA SPEEU KNOTS	35.0	30.00	31.7	32.5	31.4	28.F	26.2		23.3	23.2	22.8	21.4	20.8	21.8	22.6	23.0	23.2	22.5	21.2	20.2	19.2	18.3	17.5	16.4	15.1	14.5	14.2	13.e	13.6	14.0	13.2	13.0	11.2	0.6	6.8	5.5	6.8	9.4	10.0
FIND DATA DIRECTION S	273.5	1000	2/2.5	272.0	570.6	50/07	202.6	565.0	203.9	262.0	500·d	255.9	6.143	520·4	9.642	250.4	251.2	252.2	255.4	252+1	250.5	25d+3	250.2	5+6•4	248•1	2.48+9	20102	257.5	2/1.1	284.1	230.7	310.3	310.9	308.1	243.8	204.0	253.5	214.7	202.9
SPEED OF SOUND RIGTS	567.3		5.00	500 B	500.0	8.000	5,003	500.3	565.0	5.00°	ე <sub>ს</sub> 5. ხ	გ <sub>ი</sub> ე. 6	5 <sub>0</sub> 5.4	504.5	50,500	502.7	5,1,4	5(.0.8	5,9,9	5.59.0	5,96.3	500.5	5,1,3	5,2,1	5,2.9	563.2	502.7	5.205	9.109	501.1	5.0°.6	500.1	559.5	5,90	5,9.4	5,00.4	5,1.4	502.4	50,5.4
DENSITY S GM/CUBIC PETER	269.4	A. V. C.	9.000	244 • B	236.9	233.1	227.5	4.222	217.5	212.3	207.1	202.0	197.5	193.1	180.9	184.9	189.9	177.1	173.3	169.b	155.0	160.5	156.1	151.8	147.0	143.9	140.6	157.4	154.3	131.2	120.5	125.3	122 • 4	113.0	116.5	113.3	110.1	107.0	104.0
REL.HUM. PERCENT																																							
TEMPEMATURE AIR DEWPOINT DEGREES CENTISRADE	-61.1 -61.4		-61.5	-61.5	-61.5	-61.5	-61.5	-61.9	+·29-	-62.5	-62.4	-62.5	-62.6	-63.2	-65.9	-64.5	-45.2	6559	14ö+5	-67.2	-66.3	-66.2	-65.6	-65•Ú	-Sa - t	2.49-	-64.5	6•19-	-65.5	-65./	-60.1	<b>-</b> 46.5	-60.9	-67.2	-67.0	-66.2	-65.5	-64.1	-64•0
PRESSURE	164.0	150.5	152.4	1.841	145.1	141.6	130.5	134°A	131.6	120.4	125.3	122.3	119.3	110.4	113.5	110.	100.0	105.3	107.8	109.5	2.76	92.0	33.0	7.06	36.5	30.3	34.2	92+1	80.1	74.1	70.4		72.5	70.1	69•1	61.3	0•¢ڼ	0.49	h•79
SEUNETRIC ALITIUNE MOL FEET	0.000.00	7 - 12 - 12 - 14 - 14 - 14 - 14 - 14 - 14	45596.0	<b>0.</b> 00000	405011-6	47000.0	47500.0	4501.0°C	40506.5	0 • a a a a a	6.110564	0-00-0cc	0.00,00	51000.0	51500.0	0.00026	54300+0	0.000cc	355G	6•ถล6₅ต	0.000	520,00.7	555 HJ • 0	<b>0-00-00</b>	3•025cc	9400°C	575073.0	ევიეტე•ე	<b>53200.0</b>	C•paliec	29500°C	ดอาหา	0.00000	6.00019	61500.0	05000	6-5003-0	6•nauça	635H9 · B

STATTON ALITODE +3	11 PUPE 143.	1.450 PEET 350 350 33 33 331	,	UPPLR Alk UAFA 3426229014 18 50	47 F.		οΕΟ <b>υ</b> ΕΤΙ 52.	GEODETTIC COUNTRAILED
13c: 540: 10.	•				i		101	The and the Down of o
				TABLE 5 (CONT)	ONT)			
SEUME HALL PHESSURE	PMESSURE	TESSEKATURE	REL.MIN.		SPEED OF	AINU UAIA	114	Itaex
	S. CLELLSAYS	TAK TAKED CHANGE	≥_PCt.nT	OMZCOBALC OMLTER	Logico Rito I s	OINTELSTAN	27.77 27.75 27.75	CF REP PACTSO:
9.000	A	٤٠٤٠ -		101.1	4.400	292.8	10.8	1.000023
0.01 244	+ + K (i)	\$ · 191		q-R <sub>b</sub>	0.4.0	23307	g,	1.0006
0.00,000	5 • OC	_•¿،-		2.0°		219.1	\$ \$	1.00002
5.00.000	r	1.7:		\$ 		7.7.7	5.1	1.000021
e · Gran	70.00	1.6.1		91.5	4,4.0	2/5-3	c. • #	1.000020
5•1.400	5.5.	#*OPT		H9.3		C03.7	ڻ پ	1.000020
C•36.0	54.	い・ワナー		87.1	2.4.7	273.5	7.1	1.000019
0.75,149 • 3	٠١٥.	£ • ? <b>∀</b> •		85•0				1.000019
0.100.0	50.0	1904		82.9				1.000016
00.00	TI	1,4.3		8·03				1.000018
C-000000	47.5	1.2.1		78.8				1.000018
0.95010.0	C+01.	-64.0		76.8	505.5			1.000017

GEOUETIC COUKDINATES 32.88497 LAT DEG 106.49714 LOH DEG																									
6EODETIC 32.4 106.4	Albu DAIA	IN SPEED		6.5	7.9	12.0	11.0	14.4	15.8	17.9	17.6	8•8	12.2	15.2	14.8	15.6	32.9	36.2	32.2	22.7	20.1	13.6	۲. ۲۰۵	9.5	
	1 N 1 N	UIREC 110	DEGREES (TN)	171.2	197.8	243.3	260.2	257.1	246.0	259.0	200.3	313.8	307.6	304.5	319.0	313.8	276.5	2.472	272.2	2002	252.6	271.5	300.7	205.3	
ר ע ר ר ר S	KEI • HU.4•			44.	,56.	39.	.65	54.	46.	37.	32.	51.	31.	31.											
MARIDATORY LEVELS 3420220014 174 50 TABLE 6	TEMPERA (SISE	DE 400111	DEGREES CENTIONAUE	-2.5	7.4-1	-6.3	3.6-	ე•7−	-13.6	-19.2	-25.3	9∙02−	-37.2	7-2-1											
ž –	TENPE	AIR	DEGKEES (	4.0	9.1	6.7	3.0	σ.	-2.8	6.9	-12.6	-17.8	-25.1	-32.0	-44.2	-51.A	-53.9	160.4	-61.5	-52.4	-47.3	-6503	1,-19-	-63.2	-63.0
1 .45L 35 [	PRESCUE GEOPOTEUTIAL		FEET	5157.	6802.	8550.	10376.	12359.	14455.	16791.	19117.	21/53	24593.	27717.	51209.	35164.	39825.	42565.	45795	49408	・サルドウス	203.42.	•0,609	54077	c7753.
4010-40 FEE 0830 FRS 7	WESSCHEE 6		MILLIBARS	850.0	0.40%	750.0	700.0	0+169	6.10.0	559.0	a•005	459+9	4000	350.4	306-0	250.0	500.0	175.0	120.0	125.0	103.0	ۥ09 •09	79.0	0.00	50·n
STATION ALTITUDE 4010.40 FEET MSL 8 JEC- 79 UBSN HRS MST ASCERSION NO. 14																									

\*\* AT LEAST ONE ASSUMED HELATIVE HUMIDITY VALUE WAS USED IN THE INTERPOLATION.